



Highlighted Projects - Sewer

*Dan Alford, Director of Wastewater
Engineering and Maintenance*

Active Projects Highlight Report

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Construction Projects Underway

10 Projects

\$169.5M



Project Name: River Rouge Outfall Disinfection Project		
GLWA Project Manager: Philip Kora	Contractor: CDM Smith Constructors Inc.	Contract Number: PC-797
Project Start Date: 2/19/2016	Project Completion Date: 12/31/2019	Contract Amount: \$ 44,461,636.00
Invoiced to Date: \$38,936,979.14	Balance Remaining: \$5,524,656.86	Project Schedule (% Complete) 88%

Current Work Status

- Utilizes Sodium Hypochlorite for disinfection and Sodium Bisulfite for dechlorination.
- Phase 1 Construction has been complete and the system went live on 03/29/19.
- Regulatory driven.

Project Projections

- Contractor working on deficiency list and need to correct safety and key control issues before declaring Substantial Completion.

PC-797 Rouge River Outfall Disinfection Project

Hypo Building Control Room



Chemical Feed Pump Skids

Project Name: Pump Station #2 Pumping Improvements		
GLWA Project Manager: Vinod Sharma	Contractor: Tooles Contracting Group	Contract Number: PC-795
Project Start Date: 10-17-2016	Project Completion Date: 6-20-2019	Contract Amount: \$ 3,275,000.00
Invoiced to Date: \$ 1,308,434.96	Balance Remaining: \$ 1,966,565.04	Project Schedule (% Complete) 40%

Current Work Status	Project Projections
<p>-Pump No. 11 is being installed. Contractor had to reorder dresser coupling because holes were not matching. Contractor had to drill new holes for the suction elbow support because the holes did not match the existing one.</p> <p>-Flowserve, the pump manufacturer, will be on site around mid June to check the pump installation and alignment.</p>	<p>-Pump No. 11 installation is expected to be finished by June 13, 2019, and then 60 days of testing will begin.</p> <p>-Pump No. 14 installation will start afterwards.</p>

PC-795 Pump Station #2 Pumping Improvements

Lowering New Pump into Position



Suction Elbow Installation

Project Name: Aeration System Improvements		
GLWA Project Manager: Vinod Sharma	Contractor: Weiss Construction Co. LLC	Contract Number: PC-796
Project Start Date: 10/03/2016	Project Completion Date: 06/21/2019	Contract Amount: \$ 15,835,000.00
Invoiced to Date: \$13,696,730.61	Balance Remaining: \$2,138,269.39	Project Schedule (% Complete) 86%

Current Work Status

- Rehabilitated four basins.
- Replaced 3 Variable Frequency Drives for the 5 Intermediate Lift Pumps.
- Replaced flow meters
- Allowed Intermediate Lift Pump #7 to be redundant to all four basins.

Project Projections

- Contractor currently working on the punch list items to meet final completion date of 06/21/2019.
- Currently waiting on the 30-day test results before the final basin can be placed back into service.

PC-796 Aeration System Improvements

120-inch Valve Installation



Pulling Wire for New VFD

Project Name: Primary Clarifier Rehabilitation		
GLWA Project Manager: Nicolas Nicolas	Contractor: Tooles Contracting Group	Contract Number: PC-757
Project Start Date: 07/08/2016	Project Completion Date: 05/18/2020	Contract Amount: \$ 51,905,000.00
Invoiced to Date: \$35,788,051.42	Balance Remaining: \$16,116,948.58	Project Schedule (% Complete) 69%

Current Work Status

- Rehabilitate 14 of 18 Primary Clarifiers.
- Replace Pumps, Valves and Piping in Pipe Gallery.
- Demo of existing Scum Collector Trough.
- Rehab of primary tanks 9-12 were completed and placed back in service.
- Rehab of circular clarifiers 15 and 16 complete and placed in service.

Project Projections

- Contractor is currently rehabbing primary tanks 5-6. Primary tanks 7-8 are being tested now.
- Currently the rehabilitation of the pipe gallery sludge pumps and piping is ongoing.

PC-757 Primary Clarifier Rehabilitation

Influent Gate Valves in Pipe Gallery



New Scum Conveyor System

Project Name: Modification to Incineration Sludge Feed System		
GLWA Project Manager: Christopher Breinling	Contractor: Weiss Construction Co. LLC	Contract Number: CON-197
Project Start Date: 04/02/2016	Project Completion Date: 01/31/2021	Contract Amount: \$ 18,631,083.00
Invoiced to Date: \$6,733,321.82	Balance Remaining: \$11,897,761.18	Project Schedule (% Complete) 36%

Current Work Status

- Structural support steel, walkways, and conveyor assembly underway for belt conveyor L in Incineration Complex II.
- New Motor Control Centers (nine total) are staged on-site for crane lift.
- Installation of HVAC equipment in fifth and sixth floor electrical rooms.
- Construction of SFE washdown lines and spray systems along belt conveyors H, K, and L.
- Placing rooftop condensing units and associated support steel for new electrical room HVAC equipment this June.

Project Projections

- Replacement of the sixteen existing incinerator screw feeders will begin in mid-July and continue in stages to 2020.
- Steelworkers will continue installing the remaining structural support steel and conveyor assemblies for the four P-belt cross-conveyors this summer.
- Replace four inoperative SFE strainers in Summer/Fall 2019
- Apply paint to new belt conveyor handrails and support steel for Conveyors H, K, and L.
- Install nine new Motor Control Centers and eight new screw conveyor variable frequency drives.
- Prep and paint walls, steel, and ceiling over the upper level belt filter presses in Dewatering 2.

CON-197 Modification to Incineration Sludge Feed System

New L Sludge Conveyor



New Electrical Substation

Project Name: PS#1 Rack and Grit Improvements		
GLWA Project Manager: Partho Ghosh	Contractor: Weiss Construction Co. LLC	Contract Number: PC-789/CON-250
Project Start Date: 11/18/2013	Project Completion Date: 09/22/2019	Contract Amount: \$ 22,655,000.00
Invoiced to Date: \$20,130,031.73	Balance Remaining: \$2,524,968.27	Project Schedule (% Complete) 89%

Current Work Status

- Replace 20 years old bar screens and grit removal systems
- Replace multiple Motor Control Centers
- Added North and South offload buildings
- Replaced process conveyors

Project Projections

- Punchlist items are being corrected.

CON-250 Pump Station #1 Rack and Grit Improvements

Bar Screens and Grit Collectors #5-8



New Grit Collector

Project Name: Dewatering Complex II Roof Replacement at WRRF		
GLWA Project Manager: Chris Breinling	Contractor: Schreiber Roofing Corporation	Contract Number: 1803227
Project Start Date: 02/01/2019	Project Completion Date: 09/30/2019	Contract Amount: \$ 1,118,000.00
Invoiced to Date: \$ 517,552.25	Balance Remaining: \$ 585,847.75	Project Schedule (% Complete) 46%

Current Work Status

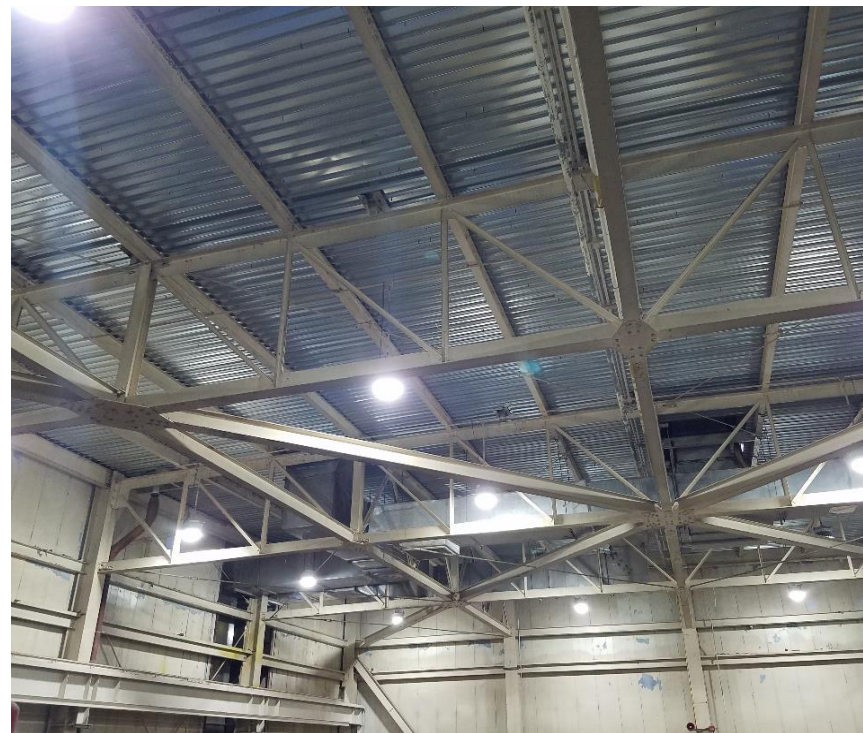
- Progressive tearoff of existing roof structure (metal pan decking, insulation, and existing roof membrane) from the north roof line towards the south.
- Currently working on the southwest corner of the roof under the existing ID fan VFD building.
- Televised and replacing existing roof drains.
- Rehabilitation of existing HVAC equipment support steel as part of this contract.

Project Projections

- Begin application of Tremco polyurethane weather coat after completion of roof reconstruction in June 2019.
- Complete installation of new metal walkway and access ladder in June.
- Complete roof flashing and cleanup in late June.

1803227 Dewatering Complex II Roof Replacement at WRRF

New Roof Structure Around Existing HVAC



New Roof Decking Over Belt Filter Presses

Project Name: Conner Creek CSO Basin Rehabilitation		
GLWA Project Manager: Ishan, Wahab	Contractor: Weiss Construction Co. LLC	Contract Number: CON-234
Project Start Date: 06/12/2018	Project Completion Date: 09/07/2020	Contract Amount: \$ 5,599,662.00
Invoiced to Date: \$ 3,330,000.00	Balance Remaining: \$ 2,269,662.00	Project Schedule (% Complete) 55%

Current Work Status

- Outlet Gate Rehabilitation – alignment, gearing, seals, actuators and alternatives
- Restore compromised conduit run on top of basin
- Rehabilitation of 5 Flow meters.
- All gate stem replacements are completed.
- Original electrical work scope is completed.

Project Projections

- Replacement of Gate seats and seals is ongoing.
- Flow meter design is underway and a new quote is expected.
- Another Change Order may be forthcoming for Flow Meter work.

CON-234 Conner Creek CSO Basin Rehabilitation

Effluent Launder Gates



Effluent Gate Actuators

Project Name: Leib Screening and Disinfection Facility Electrical Improvements		
GLWA Project Manager: James Ibronkie	Contractor: Rotor Electric	Contract Number: 1802475
Project Start Date: 02/01/2019	Project Completion Date: 12/31/2019	Contract Amount: \$ 916,275.00
Invoiced to Date: \$ 111,860.00	Balance Remaining: \$ 804,405.00	Project Schedule (% Complete) 12%

Current Work Status

-Electrical conduits were Installation of pipe supports is ongoing.

Project Projections

-Replacement of the electrical conduit will start soon.
-Planning to propose additional amounts for replacing existing E-stop switches and disconnects.

1802475 Leib Screening and Disinfection Facility Electrical Improvements

Replacement Pipe and Conduit Hangers

